

Eco-Community Dialogues Newsletter

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Tell Your Grocer What You Want

The **Non-GMO Project** is a nonprofit organization committed to building verified sources of GMO-free food, and is an indicator of the growing public outrage toward GMO's by the American people. The **Non-GMO Verified seal** is the fastest-growing label in the food industry. The number of products verified as free from GMO impurities has more than doubled since the seal debuted last year. Sales of products carrying the seal saw a big jump in 2013. The current count is more than 11,000 products with food manufacturers clamoring to become verified. That means you can take those unverified items out of your grocery cart and be a NEW YOU!

(Source: October 2013, TASTE FOR LIFE, "Non-GMO Month", by Caroline Kinsman; www.tasteforlife.com/nongmo; www.nongmoproject.org)

The U.N. Intergovernmental Panel on Climate Change (IPCC)

Between 1998 and 2012 the global economy more than doubled in size from \$30 trillion to \$71 trillion. During the same time frame 100 billion tons of carbon dioxide went into the air. The IPCC published its fifth summary report this month. Co-chair *Thomas Stocker* calls climate change THE GREATEST CHALLENGE OF OUR TIMES. The report concludes that warming of the climate system is unequivocal. The RADIATIVE FORCING was from 1951 to 1998, and now within the ocean there is redistribution of heat possibility. Ocean acidity has already crossed the threshold in 2008.

Earth will be an inferno in your children's lifetime according to a study published this month in The JOURNAL OF NATURE. Cities in the tropics will be irreversibly warmer soon. Unprecedented heat starts with *Manokwa*, INDONESIA, and *Kingston*, JAMAICA. Then *Singapore*, *Mexico City*, and *Cairo* will become off the charts hot between 2028 and 2036. After that *Honolulu*, *Phoenix*, *San Diego*, *Orlando*, *New York City*, *Washington, D.C.*, *Los Angeles*, *Detroit*, *Houston*, *Chicago*, *Seattle*, *Austin*, and *Dallas* will become permanently hotter than hell between 2043 and 2047. *Anchorage*, ALASKA, will be one of the last cities left in 2071. How prophetic the song, "Going North to Alaska, going North the rush is on." Coral reefs will be lost around 2030. Animals, humans, and plants will either have to adapt, move, or face extinction.

(Source: October 1, 2013, THE WALL STREET JOURNAL, "Climate of Uncertainty"; October 10, 2013, THE MAIL TRIBUNE , "Life's heating up across globe" by Seth Borenstein)

Eyes on Pittsburgh, PENNSYLVANIA

PENNSYLVANIA is getting the glare from the eyes of the world for allowing fracking wastewater to be processed by normal wastewater treatment plants and released into rivers that supply drinking water. These plants are NOT designed to handle the radioactive elements present in fracking wastewater. Neither are they required to test their effluent for radioactive element. Researchers have verified that fracking contaminated water released into local streams retains significant levels of radioactivity. New research from DUKE UNIVERSITY warns that RADIUM LEVELS have been measured at 200 times higher than normal in water downstream from the *Josephine Brine Treatment Facility* that processes wastewater from fracking operations in PENNSYLVANIA. The water is also contaminated with high levels of BROMINE. When the chemical bromine is exposed to water-treatment chemicals, they combine to create carcinogenic compounds.

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Avner Vengosh, a researcher at DUKE warns that there is enough RADIOACTIVITY Building up that even if the disposal of the wastewater were completely stopped, the U.S. would now still have to consider the place a radioactive waste site. A slow bio-accumulation of the radium will end up as a biological danger, not only to fish, but to the water supplies of large cities in PENNSYLVANIA that have become significantly contaminated with radioactive water from fracking operations. THE WATER FROM THE TREATMENT PLANT FEEDS INTO THE ALLEGHENY RIVER, A DRINKING WATER SOURCE OF THE CITY OF PITTSBURGH, PENNSYLVANIA.

The sum of what is known about fracking (shale gas production) is that it equals radioactive water, flammable water, earthquakes, methane emissions, water shortages, and the impending implosion of an economic bubble. THE EXACT REASON WHY THIS IS HAPPENING IS BECAUSE FRACKING IS CURRENTLY EXEMPT FROM THE CLEAN WATER ACT.

(Source: "Radioactive Water From Fracking Found in Pennsylvania Studies" by DUKE UNIVERSITY RESEARCH; The Smithsonian; Environmental Science and Technology journal; Environmental Science and Technology/Warner et.al; <http://cleantechnical.com/2013/10/07/pennsylvania-streams-contaminated-radioactive-water-fracking-research-finds/#TlledgGEyQkaWKJS.99>)

Eyes on South Texas

So much oil and water have been removed from SOUTH TEXAS shale that it has led to a recent wave of small earthquakes, according to a study in the online edition of the journal, "*Earth and Planetary Science Lectures*" A peer-reviewed study shows removal of oil and water from the ground allows surrounding rock and sand to settle, and that is triggering small tremors. Communities and environmentalists are concerned because 600,000 barrels of oil are being daily removed and liquids are being disturbed. *Rocks are settling and faults are slipping.* What's happening in SOUTH TEXAS is similar to what happened to Long Beach, CALIFORNIA last century. The Long Beach area sank nearly 30-feet. More information is available from *Cliff Frohlich, Director of Geophysics* at the UNIVERSITY OF TEXAS at Austin, TEXAS. The current study is the first large study of oil reservoir depletion being causation of an increase in earthquakes.

(Source: August 27, 2013, THE WALL STREET JOURNAL, "New Study Shines Light on Tremors and Fracking" by Tom Fowler)

Today's NYONGBYON, NORTH KOREA

The eyes of the world are on NORTH KOREA's delinquent peace treaty **ratification** that is decades overdue. In 1994 agreement to end *Pyongyang's* nuclear-weapons program, included dismantling of NORTH KOREA's long-range missile program, in exchange for U.S. economic aid. NORTH KOREA violated the pledge it made. But without the agreement deals, their nuclear arsenals would be even more of a threat. Since 2006, NORTH KOREA has conducted three nuclear-weapons tests.

Last week's JAPAN, SOUTH KOREA, and U.S. trilateral "routine" maritime disaster drills off a SOUTH KOREAN island put NORTH KOREA military in emergency coping response, and their main nuclear facility at NYONGBYON may have *started up* a five-megawatt plutonium reactor, that could produce about 13-pounds of plutonium a year, enough to make a couple atomic bombs.

(Source: October 9, 2013, THE WALL STREET JOURNAL, "Seoul Spies Say North Restarted Reactor")

Pivotal Choices at Hanford, WASHINGTON

At home, the chairman of the U.S. SENATE COMMITTEE ON ENERGY AND NATURAL RESOURCES is U.S. Senator *Ron Wyden*, of OREGON. A *Dr. Walter Tamosaitis* had worked 44-years as an engineer at HANDFORD nuclear site in WASHINGTON State. The former military nuclear site sits on a plateau above the COLUMBIA RIVER, which is now at risk from 56 million gallons of highly radioactive sludge in underground tanks that are leaking. THE ENERGY DEPARTMENT supervises the nuclear radiation cleanup.

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The HANFORD CHALLENGE, a WASHINGTON State watchdog group, disclosed that U.S. Senator Wyden of OREGON, and U.S. Senator Edward Markey of MASSACHUSETTS, both wrote the U.S. DEPARTMENT OF ENERGY Secretary, Ernest Moniz. Not one, but two, U.S. Senators implicate that when contractors and employees at the Hanford nuclear site raises safety issues, Mr. Moniz must intervene with the URS Corporation, their employer, to stop punitive retaliation by the Corporation.

Engineer Tamosaitis had valiantly voiced alarm over a plant design for turning radioactive waste into glass. His employer, the URS Corporation had, in effect, punitively demoted him by removal of his oversight of 100 scientists. The URS retaliation triggered Mr. Moniz to issue a statement of claim that the federal agency is committed to the safety and the protection of Dr. Tamosaitis and other employees and contractors with safety concerns who are whistle-blowers.

The URS insolently disregarded the U.S. DEPARTMENT OF ENERGY's protective statement, by firing Dr. Tamosaitis without severance pay. The URS breach of etiquette toward the federal agency is flauntingly glaring. The point that the two U.S. Senators are making is that if the URS gets by with retaliatory acts, then the American people will see the federal agency as a party to the injustice.

Things change when the time is right and people are ready. The American people are ready to halt inequities through the power of public opinion. We are all of us transforming, during these changing times of pivotal choices. *The eyes of the world are on whether Mr. Moniz can really enjoy the gallant Dr. Tamosaitis getting fired, or how much will he enjoy halting it.*

(Source: October 10, 2013, "Oregon senator decries firing of Hanford whistle-blower")

"The First Rule is to Stop Interfering with Nature"--Deepak Chopra, MD

While the world is making the most profound changes in human history and creating a brilliant new civilization of justice, cooperation, and peace at the Geneva talks, the U.S. ENERGY DEPARTMENT has proposed spending \$60 billion to make new U.S. nuclear weaponry stockpiles. The UNION OF CONCERNED SCIENTISTS raised objections to the U.S. ENERGY DEPARTMENT's proposal this week. The new designs could NOT be tested under current international treaties and would be in violation. President Obama had pledged against developing new nuclear weapons. No nation is above international law. In addition to that, it is a time of severe budget pressure in America.

At an unspecified time in the near future, international law may strike down all nuclear weaponry proposals based on precedents from the past. There are ethical questions whether an economy based on war conduct is criminal, and also an extreme abuse of power. International prosecution is about accountability and consequence. **People don't have to have hydrogen bomb designs. That is NOT one of the human rights.**

The 20th AIR FORCE is responsible for operating about 450 MINUTEMAN III intercontinental ballistic missiles at three bases, in MONTANA, NORTH DAKOTA, and WYOMING. The general in charge of all land-based nuclear missiles was fired on October 11 this year. According to spokesperson Brigadier General Les Kodlick at a PENTAGON news conference, Major General Michael Carey, commander of the 20th AIR FORCE, was removed from his job because confidence and trust in his judgment and leadership was lost. It was the second time in a week that a senior commander of the U.S. nuclear arsenal was let go for allegations of personal misconduct. Tim Giardina remains under investigation by the Naval Criminal Investigative Service.

We have blessed opportunities to evolve and grow. You may not know if America set a nuclear armaments pattern that is desperately wrong, even if you consider yourself pretty aware. But one may change from being NUCLEAR HEAVYWEIGHTS because disrupting the patterns of Nature carries a feedback loop called "Climate change"

When you ask if there is a parallel with OVERWEIGHT AMERICANS who gorge on the worst, one may be excused after one raises one's hand to question why the government possesses powers that the ultimate sovereign, the voters, couldn't review.

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There are multiple options available if voters don't like the way their political process was restructured to disadvantage them. According to Dr. Chopra's new book *WHAT ARE YOU HUNGRY FOR*, the story of overweight in America is the story of missed fulfillment.

"A thought of war must be destroyed by a more powerful thought of love"—Scripture Baha' I Faith

(Sources: October 12, 2013, THE WASHINGTON POST, "Air Force Fires a Nuke Commander" by Craig Whitlock; LOS ANGELES TIMES, "Plan to modernize U.S. nuke arsenal draws criticism" by Ralph Vartabedian; WHAT ARE YOU HUNGRY FOR? Publisher: Harmony Books \$26.00, ISBN13:9780770437213, Audio Book \$35.00, ISBN13: 9780804128605)

The Watchful Eyes of the World

Maybe you haven't gone to <http://www.ted.com> yet. There is a **Ted Talk** worth watching. You can go to the website and use the search button. Enter, "*Trita Parsi: Iran and Israel: Peace is Possible*". It posted this month. The premise is that neither enmity, nor war, are foregone conclusions. Solutions can be found and you don't make peace with your friends, you make it with your enemies. You risk peace by seeking ways to make peace possible.

U.N. resolutions call for IRAN to stop enrichment until IRAN addresses international concerns over any military dimension to its program.

The five permanent members of the UNITED NATIONS SECURITY COUNCIL (AMERICA, BRITAIN, CHINA, FRANCE, RUSSIA), plus GERMANY gathered in Geneva, SWITZERLAND this month, to talk with IRAN to hear whether IRAN agrees to nuclear limitation in exchange for relief from sanctions, or whether sanctions will be strengthened.

Another round of talks in Geneva, SWITZERLAND, is scheduled for November 7-8 to continue working through the technical details of IRAN's proposals. You might not have noticed both U.S. *Undersecretary of State for Political Affairs*, Wendy Sherman and the EUROPEAN UNION (EU)'s *Foreign-Policy Chief*, Catherine Ashton, have both remarked that IRAN has now delivered a detailed technical presentation on the status of its nuclear program.

The issues have been pinpointed. According to proliferation experts, the outcome of the Geneva nuclear talks regarding IRAN's proposals may depend upon lessons gleaned from the *Clinton administration's* unsuccessful efforts with NORTH KOREA.

Iranian *Foreign Minister Javad Zarif* and IRAN's new President, *Hasan Rouhani* Tehran opine they *might* cap production of nuclear fuel for an initial period of six-months, and they *might* allow the nuclear watchdog of the UNITED NATIONS, the *International Atomic Energy Agency*, to do inspections of IRAN's nuclear installations. The world's visionaries might want to know if that is ample transparency and monitoring.

The *Supreme Leader Khamnaie* is responsible for all top policy decisions in IRAN. He opined that "*Death to America*" is NOT a verse in the *Quran*, and if IRAN normalizes relations it will become foolish for Iranians to keep on chanting, "*Death to America*" because hostilities will have ended. For what purpose is he endorsing IRAN's conciliatory actions. IRAN's allies are the Muslim world of SYRIA, LEBANON, IRAQ, and the terrorists of PALESTINE. The talks may be the beginning of the end to their defiance. The eyes of the world also might notice how good the Iranian people feel that so many eyes are watching these significant steps that IRAN is taking so that the sanctions can be lifted, but then what's next, after that. What is it an example of.

The sanctions are working. The Iranian people hope the Geneva talks will restore respect for them, as well as ease the banking sanctions preventing billions in oil revenues. IRAN's banks are paralyzed their oil exports have fallen, and their money is devalued, but their atomic clock is ticking.

Because of how dangerously close to nuclear weapons grade IRAN is, *President Obama* is taking diplomatic and political **high risks** in opining that IRAN has the right to *peaceful* nuclear energy, and that it is up for negotiation as to whether to insist on just halting IRAN's enrichment of uranium above 5% purity, or to halt ALL enrichment, but the centrifuge in QOM must be closed, and IRAN must stop building a heavy-water reactor in ARAK. AMERICA IS CONCERNED THAT ISRAEL WOULD ACT UNILATERALLY AGAINST IRAN. And if IRAN fizzes the deal, then ISRAEL pulls weight in Congress.

ISRAEL cites the NORTH KOREA agreements as exactly the type of diplomacy for the *Obama administration* to avoid in its negotiations. ISRAEL claims it would be better to model the *Bush Administration's* deal with LIBYA in 2003 when *Gadhafi* shipped out all his procured equipment for uranium enrichment. The *Libyans* completely dismantled their infrastructure.

Israeli *Strategic Affairs* Minister *Yuval Steinitz* alarmed the *Knesset Foreign Affairs and Defense Committee* with his opining that *Geneva 2013* could be an agreement similar to *Munich 1938*, which set the stage for World War II. Israeli Prime Minister *Netanyahu* wants IRAN's centrifuges completely dismantled, and wants increased sanctions to target all remaining revenues and reserves of IRAN's government, until such time as IRAN will agree to a full enrichment freeze. The *Security Cabinet* of ISRAEL sent a rare communiqué asserting they are unsupportive of a deal unless those demands are met.

The *Syrian Opposition Coalition's* President *Ahmad Jarba*, is related to the SAUDI Royal Family. The Saudis were disappointed the Syrian strike didn't happen, and they have questions. The U.S. is considered SAUDI ARABIA's most important ally. The Saudi King is upset and has now declined the U.N. Security Council seat for SAUDI ARABIA. The anxiety felt by ISRAEL is shared by the UNITED ARAB EMIRATES, over letting IRAN keep any facilities to produce plutonium nuclear fuel, or to enrich uranium at all.

U.S. Secretary of State *John Kerry* met with Mr. *Jarba* to reassure him that the U.S. supports democratic transition in Syria. Mr. *Jarka* wants Syrian President *Bashar Al-Assad* to depart and his regime's power transferred to the opposition, otherwise Mr. *Jarba* claims he can't attend the *Geneva* talks. Thousands are still trapped in *Moadhamiya*, SYRIA, with no access to food and medicine, including children and women being starved and tortured in prisons there. **Both Mr. Kerry and the British Foreign Secretary William Hague urged Mr. Jarba's anti-Assad groups to participate at the Geneva conference, saying IT IS VITAL.**

(Sources: October 15, 2013, DAILY TIDINGS, "Talks begin on Iran nuclear program"—wire reports; October 15, 2013, THE WALL STREET JOURNAL, "U.S. Weighs Letting Iran Keep Nuclear-Enrichment Facilities" by Jay Solomon; October 16, 2013, THE WALL STREET JOURNAL, "Iran Opens Talks Offering Nuclear 'Endgame' " by Laurence Norman and Jay Solomon; October 16, 2013, "Failed North Korea Accord Offers U.S. Envoy Lessons" by Jay Solomon; October 17, 2013, THE WALL STREET JOURNAL, "U.S. Sees Progress in Iran Talks" by Jay Solomon in Geneva, and "Israel Stays Wary of Tehran's Offers"; October 18, 2013, MAIL TRIBUNE, "Iran, other nations talk details on nuclear issue"; October 19, THE WALL STREET JOURNAL, "Nuclear Talks Divide Hard-Liners in Iran" by Farnaz Fassihi in Beirut; October 19 THE WALL STREET JOURNAL, "Saudis Reject U.N. Security Council Seat" by Maria Abi-Habib; October 23, 2013, THE WALL STREET JOURNAL, "Planned Syria Peace Talks at Risk" by Cassell Bryan-Low and Nicholas Winning in London, and Sam Dagher in Beirut.)

Eyes on India

INDIA signed a nuclear reactor deal with RUSSIA, for *Kwankulam*, in the Indian state of TAMIL NADU. It is the first of six units of Russian design. Anti-nuclear protests and court cases had delayed the start up for seven years on the basis of safety concerns. THE REACTOR'S COASTAL LOCATION MIGHT BE EXPOSED TO TSUNAMIS. Indian law fixes liability for accidents upon equipment suppliers so the SUPREME COURT OF INDIA dismissed the safety concerns.

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(Source: October 23, 2013, THE WALL STREET JOURNAL, "India Starting up Much-Delayed Reactor to Help Close Power Gap" by Saurabh Chaturvedi and Binan Mukherji, New Delhi)

Eyes on SOUTHERN ENGLAND

Many places in EUROPE oppose nuclear power plants, but ENGLAND wants warmer ties with CHINA, because U.K. Prime Minister David Cameron met His Holiness the Dali Lama in London last year, testing CHINA's assertion that the Tibetan Buddhist leader's exile is an internal affair. Wasn't CHINA's conduct toward the Dali Lama an extreme abuse of power.

It's hard to believe the British government is closing in on a deal with *Electricite de France SA*, *Areva SA*, *China National Nuclear Corporation*, and *China General Nuclear Power Group*, to build and operate two new nuclear reactors in a \$22.5 billion project at *Hinkley Point* in SOUTHERN ENGLAND because of Beijing's tiff with London regarding the meet-up with the world renowned Dali Lama. But when there is extreme prosecution, a person or a country may suffer without even knowing consequence and accountability.

The project cost will be met with a debt guaranteed by the U.K. TREASURY. At about \$8,000 a kilowatt, the U.K.'s project already far exceeds the U.S. DEPARTMENT OF ENERGY's estimates for what a new nuclear plant costs to build.

FRANCE considers its nuclear industry strategic and won't allow investment by CHINA in the nuclear industry of FRANCE.

A panel of British politicians oversees U.K. intelligence and security matters, and you might understand their consternation over \$17.8 billion in Chinese investment pouring into the U.K. since 2005. The dilemma reflects the U.K.'s need for money and China's control of atomic power.

The two WASHINGTON-based think tanks are the *American Enterprise Institute* that tracks overseas investment by CHINA, and the *Heritage Foundation* that tracks the energy sector. If there were even a trifling issue at a Chinese-owned nuclear plant in a developed country, it could spell political risk for CHINA.

(Source: October 18, 2013, "Britain Invites Chinese Nuclear Investment" by Selina Williams and Cassell Bryan-Law; October 22, "EDF Limits Nuclear Fallout" by Helen Thomas)

Pop Quiz

What phase is the moon in?

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